

KOSYAKOV, P.N.; KOROSTELEVA, V.S.

Chemical nature of antigens determining the specificity of cancerous tumors in man. Vop. onk. 11 no.10:58-63 '65.

(MIRA 18:10)

1. Iz laboratorii immunologii (zav. -- chlen-korrespondent AMN SSSR prof. P.N.Kosyakov) Instituta virusologii imeni D.I.Ivanovskogo AMN SSSR (direktor - deystvitel'nyy chlen AMN SSSR prof. V.M.Zhdanov).

KOSYAKOV, P.N.; POSEVAYA, T.A.; ROVNOVA, Z.I.

Effect of anticellular sera on virus reproduction. Vop. virus. 10
no. 3:354-359 My-Je '65. (MIRA 18:7)

1. Institut virusologii imeni Ivanovskogo AMN SSSR, Moskva.

KOSYAKOV, P.N.; ROVNOVA, Z.I.

Antigenic components of the host in the viral structure. Vop.
virus. 10 no.1:17-23 Ja-F '65. (MIRA 18:5)

1. Institut virusologii imeni Ivanovskogo AMN SSSR, Moskva.

KOSYAKOV, Pavel Nikolayevich, prof.; TUMANOV, A.K., red.

[Immunology of isoantigens and isoantibodies] Immunologiya izoantigenov i izoantitel. Moskva, Meditsina, 1965.
311 p. (MIRA 18:6)

ROVNOVA, Z.I.; KOSYAKOV, P.N.

Dependence of the biological activity of influenza virus on its
hemagglutinating properties. Vop. virus. 1966, 11, 1, 1-10. (M. 11, 1, 1966)

2. Institut virusologii i rentgenovskogo anal. USSR, Moscow.

CONCLUSION: The results of the study indicate that the
The capacity of the system to handle the load is
shown only by the results of the study.

BERGINKKH, M.L.; BOGOMOL, C.H.

Capacity of myxoviruses to cause the af. of military
inhibitors. Vop.mad.virus. no. 8:26-26 '63. (MIR: 17-10)

KOSYAKOV, P.N.

Specific serum, antibiotics and chemical preparations for the
prevention and therapy of virus infection. Vop.med.virus.
no.8-9-11 1963. (MIRA 12/10)

KOSYAKOV, P.N. (Moskva)

Immunology of malignant tumors; review of data from the
Eighth International Cancer Research Congress. Vop.onk.
9 no.1:3-7 '63. (MIRA 16:5)
(ONCOLOGY--CONGRESSES) (IMMUNOLOGY--CONGRESSES)

KOSYAKOV, P.N.; GRUZDEVA, N.M.; MERDINSKIKH, M.S.

Therapeutic effect of specific antibodies and inhibitors in
influenzal infection. Vop. virus. 8 no.3:301-307 My-Je'63.
(MIRA 16:10)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
(INFLUENZA) (ANTIGENS AND ANTIBODIES)

GRUZDEVA, N.M.; KOSYAKOV, P.N.

Effect of homologous and heterologous immune serums on the
development of virus infection. Vop. virus 8 no.2:163-167
(MIRA 16:12)
Mr.-Ap'63

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.

ROVNOVA, Z.I.; KOSYAKOV, P.N.; KLIMENKO, S.M.; GETLING, Z.M.

Effect of antibodies and inhibitors on the virus-cell system.
Vop. virus 8 no.2:150-155 Mr-Ap'63 (MIRA 16:12)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.

KOSYAKOV, P.N.

Virological and immunological study of the problem of cancer in
the U.S.A. Vop.virus 7 no.5:633-638 S-O '62. (MIRA 15:11)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.
(UNITED STATES--CANCER RESEARCH)

KOSYAKOV, P.N.; SOKOLOV, M.I.; ANDZHAPARIDZE, O.G.

Study of virological problems in the U.S.A. Vop.virus.
7 no.3:378-382 My-Je '62. (MLFA 16:8)
(UNITED STATES--VIROLOGY)

KOSYAKOV, P.N.; MURAV'YEVA, L.N.

Blood group antigens in ontogenesis. Biul.eksp.biol.i med. 53
no.6:52-55 Je '62. (MIRA 15:10)

1. Iz serologicheskoy laboratorii TSentral'nogo ordena Lenina
instituta gematologii i perelivaniya krovi Ministerstva zdрави-
okhraneniya SSSR, Moskva. Predstavlena deystvitel'num chlenom
AMN SSSR V.M.Zhdanovym.
(BLOOD GROUPS) (ANTIGENS AND ANTIBODIES) (ONTOGENY)

KOSYAKOV, P.N.

Specific and nonspecific factors in antiviral immunity. Vest.
AMN SSSR 17 no.5:13-24 '62. (MIRA 15:10)
(VIRUS DISEASES) (IMMUNITY)

KOSYAKOV, P.N.; KONOSTELEVA, V.S.

Comparative study of the antigenic properties of human
carcinomatous, sarcomatous and leukemic tissues. Biul.
eksp. biol. i med. 52 no.11:95-98 N '61. (MIRA 15:3)

1. Iz Instituta virusologii imeni D.I. Ivanovskogo (dir. - prof.
P.N. Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym
chlenom AMN SSSR V.M. Zhdanovym.

(CANCER)

(LEUKEMIA)

(ANTIGENS AND ANTIBODIES)

KOSYAKOV, P.N.; KUZNETSOVA, N.I.

Presence of group antigens M and N in the tissues of human organs. Biul. eksp. biol. i med. 52 no.9:78-80 S '61. (MIRA 15:6)

1. Iz laboratorii immunologii Instituta virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva. Predstavlena deystvitel'nyy chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

(ANTIGENS AND ANTIBODIES)

(LIVER)

(SPLEEN)

(KIDNEYS)

KOSYAKOV, P.N., ROVNOVA, Z.I.

Virus cells system exposed to specific antibody and inhibitors.

Report submitted to the Intl. Congress for Microbiology
Montreal, Canada 19-25 Aug 1962

KOROSTELEVA, V.S.; KOSYAKOV, P.N.

Antigenic variability of tissues in normal conditions and in leukemias.
Biol. eksp. biol. i med. 53 no 4:92-95 Ap '62. (MIRA 15:4)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo (dir. -- prof. P.N. Koryakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR G.V.Vygodchikovym.
(LEUKEMIA) (ANTIGENS AND ANTIBODIES)

KOSYAKOV, P.N.; BERDINSKIKH, M.S.; ROVNOVA, Z.I.

Ability of viruses to overcome the action of inhibitors and antibodies. Vop. virus 7 no.1:28-35 Ja-F '62. (MIRA 15:3)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.

(INFLUENZA--MICROBIOLOGY)

(ANTIGENS AND ANTIBODIES)

KOSYAKOV, P.N.; ROVNOVA, Z.I.

Rate of elimination from the body of parenteral application of
serum proteins depending on species. Biul. eksp. biol. i med.
52 no.8:73-77 Ag '61. (MIRA 15:1)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo (dir. - prof.
P.N.Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom
AMN SSSR N.N.Zhukovym-Verezhnikovym).
(BLOOD PROTEINS)

LEMENEVA, L.N.; KOSYAKOV, P.N.

Antigens A and B in the tissue cells of secretors and nonsecretors of group-specific substances. Biol. eksp. biol. i med. 56 no.9:89-92 S '63. (MIRA 17:10)

1. Iz Tsentral'nogo instituta gematologii i perelivaniya krovi (dir. - dotsent A.Ye. Kiselev) i Instituta virusologii imeni D.I. Ivanovskogo (dir. - prof. V.M. Zhdanov), Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR V.M. Zhdanovym.

BUGROVA, V.I.---(continued) Card 3.

2. Chlen-korrespondent Akademii nauk SSSR (for Imshenetskiy, Krasil'nikov). 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Planel'yes, Baroyan, Boldyrev, Gorizontov, Petrishcheva, Rogozin). 4. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Muromtsev).

(MICROBIOLOGY)

BUGROVA, V.I.---(continued) Card 2.

NIKITIN, M.Ya., red.; NIKOLAYEVA, T.A., red.; PAVLOVSKIY, Ye.N., akademik, red.; PASTUKHOV, A.P., kand. med. nauk, red.; PETRISHCHEVA, P.A., prof., red.; POKHOVSKAYA, M.P., prof., red.; POPOV, I.S., kand. med. nauk, red.; ROGOZIN, I.I., prof., red.; RUDNEV, G.P., prof., red.; SERGIYEV, P.G., prof., red.; SKRYABIN, K.I., akad., red.; SOKOLOV, M.I., prof. red.; SOLOV'YEV, V.D., prof., red.; TRIBULEV, G.P., dotsent, red.; CHUMAKOV, M.P., prof., red.; SHATROV, I.Y., prof., red.; TIMAKOV, V.D., prof., red.toma; TROITSKIY, V.L., prof., red.toma; PETROVA, N.K., tekhn.red.;

[Multivolume manual on the microbiology, clinical aspects, and epidemiology of infectious diseases] Mnogotomnoe rukovodstvo po mikrobiologii klinike i epidemiologii infektsionnykh boleznei. Otv. red. N.N.Zhukov-Verezhnikov. Moskva, Medgiz. Vol.1. [General microbiology] Obshchaia mikrobiologiya. Otv. red. N.N.Zhukov-Verezhnikov. 1962. 730 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Zhdanov, Zhukov-Verezhnikov, Vygodchikov, Bilibin, Vashkov, Gromashevskiy, Zdrovovskiy, Rudnev, Sergiyev, Chumakov, Timakov, Troitskiy).

(Continued on next card)

KOSYAKOV, P.N.

BUGROVA, V.I., kand. med. nauk; VINOGRADOVA, I.N., kand. biol. nauk;
 D'YAKOV, S.I., kand. med. nauk; ZHDANOV, V.M., prof.;
 ZHUKOV-VEREZHNIKOV, N.N., prof.; ZEMTSOVA, O.M., kand.
 med. nauk; IMSHENETSKIY, A.A., prof.; KALINA, G.P., prof.;
 KAULEN, D.R., kand. med. nauk; KOVALEVA, A.I., doktor med.
 nauk; KRASIL'NIKOV, N.A., prof.; KUDLAY, D.G., doktor biol.
 nauk; LEBEDEVA, M.N., prof.; PERETS, L.G., prof. [deceased];
 PEKHOV, A.P., doktor biol. nauk; PLANEL'YES, Kh.Kh., prof.;
 POGLAZOVA, M.N., kand. biol. nauk; PROZOROV, A.A.; SINITSKIY,
 A.A., prof.; FEDOROV, M.V., prof. [deceased]; SHANINA-VAGINA,
 V.I., kand. biol. nauk; VYGODCHIKOV, G.V., prof., zamestitel'
 otv. red.; ADO, A.D., prof., red.; BAROYAN, O.A., prof., red.;
 BILIBIN, A.F., prof., red.; BOLDYREV, T.Ye., prof., red.;
 VASHKOV, V.I., doktor med. nauk, red.; VYAZOV, O.Ye., doktor
 med. nauk, red.; GAUZE, G.F., prof., red.; GOSTEV, V.S., prof.,
 red.; GORIZONTOV, P.D., prof., red.; GRINBAUM, F.T., prof.,
 red. [deceased]; GROMASHEVSKIY, L.V., prof., red.; YELKIN, I.I.,
 prof., red.; ZASUKHIN, L.N., doktor biol. nauk, red.;
 ZDRODOVSKIY, P.F., prof., red.; KAPICHNIKOV, M.M., kand. med.
 nauk, red.; KLEMPARSKAYA, N.N., prof., red.; KOSYAKOV, P.N.,
 prof., red.; LOZOVSKAYA, Ye.S., kand. med. nauk, red.;
 MAYSKIY, I.N., prof., red.; MUROMTSEV, S.N., prof., red.
 [deceased];

(Continued on next card)

KOSYAKOV, P.N.

Thirteenth Session of the Ivanovskii Institute of Virology of
the Soviet Academy of Medicine. Vop.virus. 6 no.2:251-253 Mr.-Ap
'61. (MIRA 14:6)

(VIRUS RESEARCH)

KOROSTELEVA, V.S.; KOSYAKOV, P.N.

Sensitivity of the specific antigen of human cancer cells to high temperature. Biul. eksp. biol. i med. no.2:87-92 F '61.
(MIRA 14:5)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo (dir. - prof. P.N.Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nyim chlenom AMN SSSR N.N.Zhukovym-Verezhnikovym.
(CANCER) (HEAT—PHYSIOLOGICAL EFFECT)

KONSTANTINOVA, T.P.; KOSYAKOV, P.N.

Specific antigens of tumors cultivated on the chorioallantoic
membrane of chick membrane for a prolonged period of time.
Biul. eksp. biol. i med. 49 no. 4:82-87 Sp '60. (MIRA 13:10)

1. Iz laboratorii immunologii Instituta virusologii imeni
D.I. Ivanovskogo (dir. - prof. P.N. Kosyakov) AMN SSSR, Moskva.
(TUMORS) (ANTIGENS AND ANTIBODIES)

KOSYAKOV, P.N., prof.

Tenth International Congress of Cell Biology. Vop. virus. 5
no. 6:756-758 N-D '60. (MIRA 14:4)
(CYTOLOGY--CONGRESSES)

KOSYAKOV, P.N.; ROVNOVA, Z.I.

Qualitative heterogenicity of the antigenic properties of the virus of type B influenza isolated at various times. Vop. virus. 5 no. 6:725-731 N-D '60. (MIRA 14:4)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
(INFLUENZA)

KOSYAKOV, P.N.; KONSTANTINOVA, T.P.

Normal iso- and heteroagglutinins in cancer patients. Biul. eksp.
biol. med. 47 no.5:86-90 My '59. (MIRA 12:7)

1. Iz Instituta virusologii imeni D.I. Ivanovskogo (dir. - prof. P.N.
Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN
SSSR S. A. Sarkisovym.

(NEOPLASMS, immunol.

normal iso- & hetero-agglutinins in cancer patients (Rus))

(ANTIBODIES,

same)

KOSYAKOV, P.N.; KOROSTEL'VA, V.S.

Cancers with similar and different specific antigens. Biul. eksp.
biol. med. 47 no.2:93-98 F '59. (MIRA 12:4)

1. Iz Instituta virusologii imeni D.I. Ivanovskogo (Dir. - prof.
P.N. Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom
AMN SSSR N.N. Zhukovym-Verezhnikovym.

(NEOPLASMS, immunol.

antigenic similarities & dissimilarities in human cancers
(Rus))

KOSYAKOV, P.N.; ZHDANOV, V.M.

Immediate tasks in the development of virology in the U.S.S.R.
Vest. AMN SSSR 14 no.10:3-7 '59. (MIRA 13:6)
(VIRUS RESEARCH)

KOSYAKOV, P.N., prof.; URINSON, R.M.

Antigens M and N in leucocytes. Probl. gemat. i perel. kovi 4
no. 10:3-7 0 '59. (MIRA 13:8)

1. Iz TSentral'nogo Lenina instituta gematologii i perelivaniya
krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Bagdasarov)
Ministerstva zdravookhraneniya SSSR i Instituta virusologii imeni
D.I. Ivanovskogo (dir. - prof. P.N. Kosyakov) AMN SSSR.
(LEUCOCYTES) (ANTIGENS AND ANTIBODIES)

NESTEROV, A.I.--- (continued) Card 3.

16. Direktor Instituta fiziologii AMN SSSR (for Chernigovskiy).
 17. Direktor Instituta terapii AMN SSSR (for Myasnikov). 18. Direktor Gosudarstvennogo izdatel'stva meditsinskoy literatury (for Mayevskiy). 19. Vitse-prezident AMN SSSR (for Davydovskiy).
 20. Ministr zdravookhraneniya SSSR (for Kurashov). 21. Direktor Instituta infektsionnykh bolezney AMN SSSR (for Bogdanov).
 22. Chlen-korrespondent AN BSSR: predsedatel' Uchenogo meditsinskogo soveta Ministerstva zdravookhraneniya BSSR (for Bronovitskiy). 23. Predsedatel' Uchenogo meditsinskogo soveta Ministerstva zdravookhraneniya USSR (for Chebotarev).
- (MEDICINE)

NESTEROV, A.I.---(continued) Card 2.

2. Chleny-korrespondenty AMN SSSR (for Dolgo-Saburov, Chumakov, Zhdanov, Biryukov, Sokolova-Ponomareva, Batkis, Shmelev, Molchanova, Blokhin, Ioffe, Bogdanov). 3. Direktor Instituta gerontologii AMN SSSR (for Gorev). 4. Direktor Instituta farmakologii i khimioterapii AMN SSSR (for Zakusov). 5. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (VASKhNIL); direktor Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR (for Murontsev). 6. Direktor Instituta po izucheniyu poliomiylita AMN SSSR (for Chumakov). 7. Direktor Instituta eksperimental'noy meditsiny AMN SSSR (for Biryukov). 8. Direktor Instituta obshchey i kommunal'noy gigiyeny AMN SSSR (for Litvinov). 9. Direktor Instituta pediatrii AMN SSSR (for Sokolova-Ponomareva). 10. Direktor Instituta virusologii AMN SSSR (for Kosyakov). 11. Direktor Instituta tuberkuleza AMN SSSR (Shmelev). 12. Direktor Instituta grudnoy khirurgii AMN SSSR (for Busalov). 13. Direktor Instituta pitaniya AMN SSSR (for Molchanova). 14. Direktor Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR (for Blokhin). 15. Direktor Instituta khirurgii AMN SSSR (for Vishnevskiy).

KOSYAKOV, P.N.

NESTEROV, A.I. (Moskva); TUSHINSKIY, M.D. (Leningrad); GOREV, N.N. (Kiyev);
 DOLGO-SABUROV, B.A. (Leningrad); ZAKUSOV, V.V. (Moskva); MUROMTSEV, S.N.
 (Moskva); CHUMAKOV, M.P. (Moskva); ZHDANOV, V.M., prof. (Moskva);
 NEGOVSKIY, V.A., prof. (Moskva); BIRYUKOV, D.A. (Leningrad);
 LITVINOV, N.N., prof. (Moskva); SOKOLOVA-PONOMAREVA, O.D. (Moskva);
 KUPALOV, P.S. (Leningrad); BATKIS, G.A. (Moskva); KOSYAKOV, P.N.,
 prof. (Moskva); SHMELEV, N.A. (Moskva); BUSALOV, A.A., prof.
 (Moskva); MOLCHANOVA, O.P. (Moskva); STRASHUN, I.D.; BLOKHIN, N.N.
 (Moskva); PREOBRAZHENSKIY, B.S. (Moskva); VISHNEVSKIY, A.A. (Moskva);
 CHERNIGOVSKIY, V.N. (Moskva); PAVLOVSKIY, Ye.N., akademik (Leningrad);
 MYASHNIKOV, A.L. (Moskva); VINOGRADOV, V.N. (Moskva); MAYEVSKIY, V.I.;
 DAVYDOVSKIY, I.V. (Moskva); IOFFE, V.I. (Moskva); KURASHOV, S.V.;
 ANOKHIN, P.K. (Moskva); BOGDANOV, I.D. (Kiyev); ZIL'BER, L.A.
 (Moskva); BRONOVITSKIY, A.Yu.; CHEBOTAREV, D.F., prof.

Debate on the address by Professor V.V. Parin, academician
 secretary of the Academy of Medical Sciences of the U.S.S.R.;
 abridged comments by members of the Academy of Medicine and
 the directors of institutes. Vest. AMN SSSR 14 no. 8: 19-31
 '59. (MIRA 12:11)

1. Deystvitel'nyye chleny AMN SSSR (for Nesterov, Tushinskiy,
 Gorev, Zakusov, Kupalov, Strashun, Preobrazhenskiy, Vishnevskiy,
 Chernigovskiy, Myasnikov, Vinogradov, Anokhin, Zil'ber).

(Continued on next card)

KOSYAKOV, P.N.

Measures for the further expansion of virology in the U.S.S.R.
Vop.virus. 4 no.3:381 My-Je '59. (MIRA 12:8)
(VIRUS DISEASES)

KOSYAKOV, P.N.; GAYLONSKAYA, I.N.

Specific ABO group polysaccharides in saliva in normal subjects and in influenza. Vop. virus. 4 no.1:46-50 Ja-F '59. (MIRA 12:4)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
(INFLUENZA, immunol.
ABO antigens in saliva (Rus))
(SALIVA,
ABO antigens in influenza (Rus))
(BLOOD GROUPS,
ABO antigens in saliva in influenza (Rus))

KOSYAKOV, P. N.

"Problems of noninfectious immunity in modern medicine."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

KOSYAKOV, P.N., red.; RYZHKOV, V.L., red.; TARASEVICH, L.M., red.;
ROVNOVA, Z.I., red.; BUL'DYAYEV, N.A., tekhn.red.

[Physiology and biochemistry of viruses] Fiziologiya i biokhimiya virusov. Pod red. P.N.Kosyakova, V.L.Ryzhkova i L.M. Tarasevich. Moskva, Gos.izd-vo med.lit-ry, 1959. 184 p.

(MIRA 13:7)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut virusologii.

(VIRUSES)

KUZNETSOVA, N.I.; KOSYAKOV, P.N.

Antigenic differentiation of tissues of cerebral white and gray substances
in men. Biul. eksp. biol. i med. 46 no.11:87-90 N '58. MIRA 12:1)

1. Iz laboratorii immunologii Instituta virusologii imeni D.I. Ivanovskogo
(dir. - prof. P.N. Kosyakov) AMN SSSR, Moskva. Predstavlena deystvitel'nym
chlenom AMN SSSR N.N. Zhukovym-Verezhnikovym.

(BRAIN,

antigenic differentiation of white & gray substances (Rus))

BERDINSKIKH, M.S., KOSYAKOV, P.N.

Effect of sialic inhibitors on epidemic parotitis virus hemagglutinins.
[with summary in English]. Vop.virus. 3 no.5:287-292 S-O '58
(MIRA 11:10)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
(MUMPS, virus,
eff. of saliva on viral homagglutinins (Rus))
(SALIVA, effects,
on mumps virus hemagglutinins (Rus))

KOSYAKOV, P.N.

Eleventh session of the Ivanovskii Virological Institute of the
Academy of Medicine of the U.S.S.R. Vop.virus. 3 no.3:187-188
My-Je '58 (MIRA 11:7)
(VIRUSES)

KOSYAKOV, P.N., prof.

"An Kh-Hr syllabus. The types and their applications" [in English]
by A.Wiener. Reviewed by P.N.Kosiakov. Probl.gemat. i perel.
krovi 3 no.1:58-59 Jan '58. (MIRA 11:3)
(RH FACTOR) (WIENER, A.)

KOSYAKOV, Pavel Nikolayevich, red.; SHEN, R.M., red.; GORSHUNOVA, L.P., red.

[Rabies; etiology, pathogenesis, and prophylaxis] Beshenstvo;
etiologiya, patogenez, i profilaktika. Moskva, Medgiz, 1958.
217 p. (MIRA 12:3)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut virusologii.
(RABIES)

USSR/General Problems of Pathology

Abs Jour : Ref Zhur Biol., No 5, 1959, 22707

Author : Kosyakov, P.N., Kuznetsova, N.I.

Inst :

Title :

On Normal and Pathological Antigens in Carcinomatose Tumor of Man.

Orig Pub : Byul eksperim. biol. i meditsiny, 1957, 43, No 6, 49-53

Abstract : Aqueous-saline extracts of tumor and normal tissues were studied in complement fixation reaction with immune antitumor serums of rabbits, goats and horses. The immunoserums were preliminarily subjected to absorption for removal of nonspecific antibodies. Antitumor serums reacted in CFR only with the extracts of tumor tissue and did not react with normal tissue extracts. The antitumor serums reacted only with the extracts of corresponding normal organs and did not react with the extracts of carcinomatose tumors. The similarity or difference of

Card 1/2

- 17 -

KOSYAKOV, P.N.

KOSYAKOV, P.N., prof.; UMNOVA, M.A.

Isosensitization of man to the M factor. Probl.gemat. i perel.krovi
2 no.5:48-51 S-0 '57. (MIRA 11:1)

1. Iz Tsentral'nogo ordena Lenina Instituta gematologii i pereliva-
niya krovi (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A.Bagdas-
rov) i Instituta virusologii im. D.I.Ivanovskogo (dir. - prof. P.N.
Kosyakov) AMN SSSR.

(BLOOD GROUPS

isosensibilization in pregn. to factor M after sultiple
blood transfusions)

(BLOOD TRANSFUSION, compl.

same)

KOSYAKOV, P.N.; REZNIKOVA, M.N.

Factors influencing the specificity of formation of immune sera.
Biul.eksp.biol. i med. 42 no.11:45-48 N '56. (MLRA 10:1)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo AMN SSSR (dir. -
prof. P.N. Kosyakov) i TSentral'nogo nauchno-issledovatel'skogo
instituta sudebnoy meditsiny Ministerstva zdravookhraneniya SSSR
(dir. - prof. V.I.Prozorovskiy) Predstavleno deystvitel'nym chlenom
AMN SSSR N.N.Zhukovym-Verezhnikovym.

(IMMUNE SERUMS,
serm., specificity (Rus))

KOSYAKOV, P.N.; REZNIKOVA, M.N.

Factors of immune reactivity in animals. Biul.eksp.biol. i med. 42
no.10:49-53 O '56. (MLRA 9:12)

1. Iz Instituta virusologii imeni D.I.Ivanovskogo (dir. - prof. P.N.
Kosyakov) AMN SSSR i Tsentral'nogo nauchno-issledovatel'skogo instituta
sudebnoy meditsiny (dir. - prof. V.I.Prozorovskiy) Ministerstva
zdravookhraneniya SSSR, Moskva.

(IMMUNE SERUMS, effects,
in animals, mechanism of reactivity (Rus))

KOSYAKOV, P.N.; SHCHAVELEVA, A.P.

Capacity of human saliva for neutralizing influenza virus hemagglutinins. Vop.virus. 1 no.3:35-40 My-Je '56. (MIRA 10:1)

1. Institut virusologii imeni D.I.Ivanovskogo AMN SSSR, Moskva.

(ANTIBODIES,

influenza virus hemagglutinins, neutralization by
human saliva (Rus))

(INFLUENZA VIRUSES, immunology,

hemagglutinins, neutralization by human saliva (Rus))

(SALIVA, effects,

influenza virus hemagglutinins neutralization (Rus))

KOSYAKOV, P.N.

On the tenth anniversary of the Ivanovskii Institute of Virology
of the Academy of Medical Sciences of the U.S.S.R. Vop.virus. 1
no.2:62-63 Mr-Ap '56. (MLRA 10:1)
(VIRUS DISEASES)

MAYSKIY, I.N., professor, redaktor; ZHUKOV-VYERZHIKOV, N.N., redaktor;
GOSTIN, V.S., redaktor; VORONTSOVA, M.A., redaktor; KOSYAKOV, P.N.,
redaktor; KOLINICHENKO, L.A., redaktor; SACHKOV, V.I., redaktor;
ZAKHAROVA, A.I., tekhnicheskii redaktor

[Problems of the immunology of normal and malignant tissue] Voprosy
immunologii normal'nykh i zlokachestvennykh tkanei. Pod obshchei
red. I.N.Maiskogo. Moskva, Gos. izd-vo med. lit-ry, 1956. 294 p.
(MLRA 9:10)

1. Akademiya meditsinskikh nauk SSSR, Moscow. Institut eksperimental'-
noi biologii.

(IMMUNITY)

KOSYAKOV, P.N.; KOROSTELEVA, V.S.; KUZNETSOVA, N.I.

Method of producing immune serum specific to human cancer.
Biol. eksp. biol. i med. 40 no.9:63-65 S '55 (MLRA 8:12)

1. Iz Instituta eksperimental'noy biologii (dir.-prof. I.N. Mayskiy) AMN SSSR i Instituta virusologii imeni D.I. Ivanovskogo (dir.-prof. P.N. Kosyakov) AMN SSSR.

(IMMUNE SERUM,
anticancer serum)
(NEOPLASMS, immunology,
anticancer serum)

^P
KOSYAKOV, M. N.

Infectious immunology and medicine. Arch. immun. ter. dosw. 3:
223-238 1955.

1. Institut Virusologiy im. D. M. Ivanovskogo Akademii
Meditsinskikh Nauk SSSR, Moskva.
(IMMUNOLOGY,
progr. (Rus))

KOSYAKOV, P.N.; REZNIKOVA, M.N. (Moskva)

Immunobiological features of antibody formation. Usp. sov. biol.
40 no.3:320-330 N-D '55. (MIRA 9:4)

(ANTIGENS AND ANTIBODIES)

KOSYAKOV, P.N.

ANATOLIY, S.A.

Antigenic substances of the body and their role in biology
and medicine. P.N.Kosiakov. Reviewed by S.A Anatoli. Zhur.
mikrobiol. epid. i immun. m.10:111-113 O '55. (MLRA 8:12)
(ANTIGENS AND ANTIBODIES) (KOSYAKOV, P.N.)

KOSYAKOV, P.N.

Species specific antigenic substances in human cancer cells.
Biul.eksp.biol. i med. 38 no.9:62-64 S '54. (MLRA 7:12)

1. Iz laboratorii biologii antigenov (zav. prof. P.N.Kosyakov)
Instituta eksperimental'noy biologii (dir. prof. I.N.Mayskiy)
AMN, Moskva.

(ANTIGENS AND ANTIBODIES,
cancer antigens, species specificity in man)
(NEOPLASMS, immunology,
antigens, species specificity in man)

KOSYAKOV, P.N.

Species specific antigen substances in cells of the human tissue.
Biul.eksp.biol.i med. 37 no.3:46-49 Mr '54. (MLRA 7:6)

1. Iz Instituta eksperimental'noy biologii (dir. prof. I.N.
Mayskiy) AMN SSSR, Moskva.

(ANTIGENS AND ANTIBODIES,

*specific antigens in human cells)

KOSYAKOV, P.N.

Specific antigen substances in erythrocytes. Biul. eksp.biol.
i med. 37 no.2:48-50 F '54. (MLRA 7:6)

1. Iz Instituta eksperimental'noy biologii (dir. prof. I.N.
Mayskiy) AMN SSSR, Moskva.

(ERYTHROCYTES,

*specific antigenic substances in)

(ANTIGENS, AND ANTIBODIES,

*specific antigenic substances in erythrocytes)

KOSYAKOV, P.N.; MOROZOV, G.V.; ROZHNOV, V.Ye.

Cortical regulation of antigenic function of the salivary glands
in man. Zhur. vys. nerv. deiat. 4 no.2:177-183 Mr-Apr '54.
(MLRA 7:10)

1. Institut eksperimental'noy biologii AMN SSSR i kafedra
psikhiatrii 2-go Moskovskogo meditsinskogo instituta.

(CEREBRAL CORTEX, physiology,
regulation of antigenic funct. of salivary gland)

(SLEEP, effects,
on salivary gland antigenic funct.)

(ANTIGENS AND ANTIBODIES,
in saliva, eff. of sleep)

(SALIVARY GLAND, physiology,
antigenic funct., eff. of sleep)

KOSYAKOV, Pavel Nikolayevich; LEBEDEVA, M.N., redaktor; BEL'CHIKOVA, Yu.S.,
tekhnicheskii redaktor.

[Antigenic substances in the organism and their significance for
biology and medicine] Antigennye veshchestva organizma i ikh zna-
chenie v biologii i meditsine. Moskva, Gos. izd-vo med. lit-ry,
1954. 266 p. (MLRA 7:11)

(Antigens and antibodies)

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
1																										2																									
3																										4																									
5																										6																									
7																										8																									
9																										10																									
11																										12																									
13																										14																									
15																										16																									
17																										18																									
19																										20																									
21																										22																									
23																										24																									
25																										26																									
27																										28																									
29																										30																									
31																										32																									
33																										34																									
35																										36																									
37																										38																									
39																										40																									
41																										42																									
43																										44																									
45																										46																									
47																										48																									
49																										50																									
51																										52																									
53																										54																									
55																										56																									
57																										58																									
59																										60																									
61																										62																									
63																										64																									
65																										66																									
67																										68																									
69																										70																									
71																										72																									
73																										74																									
75																										76																									
77																										78																									
79																										80																									
81																										82																									
83																										84																									
85																										86																									
87																										88																									
89																										90																									
91																										92																									
93																										94																									
95																										96																									
97																										98																									
99																										100																									
KOSYAKOV, P.N.																																																			
ca																																																			
11-F																																																			
Chemical nature of the group antigens B₁ and B₂ of human and animal blood. P. N. Kosyakov. <i>Russ. Eksptl. Biol. Med.</i> 23, No. 2, 93-5 (1947). Although immunologic methods have been previously used to show the similarity between B₁ antigens of human subjects and animals, their chem. resemblance is also shown. Both are sol. in alc., ether, and chloroform and insol. in acetone. Alc., ether, and chloroform solns. of B₁ are free from proteins and carbohydrates. Aq. B₂ solns. form stable emulsions. From these properties it was assumed that these specific substances in human subjects and animals are lipoids. The other antigen component, B₂, has a different chem. nature. It is not found in alc., ether, and chloroform solns., is sol. in H₂O and, therefore, does not belong to the lipoids. The true nature of B₂ has not yet been discovered. W. R. Biehler																																																			
ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION																																																			

11 12 13 14 15 16 17 18 19 20										21 22 23 24 25 26 27 28 29 30										31 32 33 34 35 36 37 38 39 40										41 42 43 44 45 46 47 48 49 50									
101 AND 102 INDEX										103 AND 104 INDEX										105 AND 106 INDEX										107 AND 108 INDEX									
KOSYAKOV, P.N.										PROCESSES AND PROPERTIES INDEX										119																			
ca																																							
Polysaccharides as carriers of group properties in man. P. N. Kosyakov. <i>Zhur. Mikrob., Epidemiol. Immunobiol.</i> 1942, No. 5 6, 128 9; cf. C.A. 35, 5180⁹. -Group properties in man are carried by the polysaccharides of hapten type as shown by expts. <i>in vitro</i> on group-A and group-B erythrocyte exts. freed of protein and lipid matter. The preps. that were active <i>in vitro</i> were incapable of production of antibodies <i>in vivo</i> and, hence are classed as haptens.										G. M. Kosolapoff																													
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION										FROM 501111										FROM 501111										FROM 501111									
10101 10102 10103 10104 10105 10106 10107 10108 10109 10110										10111 10112 10113 10114 10115 10116 10117 10118 10119 10120										10121 10122 10123 10124 10125 10126 10127 10128 10129 10130										10131 10132 10133 10134 10135 10136 10137 10138 10139 10140									
10141 10142 10143 10144 10145 10146 10147 10148 10149 10150										10151 10152 10153 10154 10155 10156 10157 10158 10159 10160										10161 10162 10163 10164 10165 10166 10167 10168 10169 10170										10171 10172 10173 10174 10175 10176 10177 10178 10179 10180									

KOSYAKOV, P. [N.]

The specific polysaccharides of blood. A. V. Stepanov, A. M. Kuzin, Z. Makaeva and P. Kosyakov. Biokhimiya 5,547-56 (1940).- Of the 3 methods of prepn. cited, the one recommended was to dil. 500 cc. of blood (from a corpse) with 3500 cc. of 16% alc. After standing for 48 hrs., with occasional stirring, the mass was heated to boiling and the proteins were removed by filtration. The filtrate was concd. on the water bath to 100 cc. and, after treatment with $\text{CCl}_3\text{CO}_2\text{H}$, dialysis, and concn. in vacuum, the polysaccharide was pptd. with alc. The yield was 20-25 mg. For purification, 350 mg. of the product from Group II (A) was dissolved in 30 cc. distd. water. The undissolved (inactive) portion was removed by centrifuging, and the clear soln. treated with 150 cc. of 95% alc. This purification treatment, repeated 5 times, yielded 100 mg. From 200 mg. of Group III (B), 51 mg. of pure product was obtained. The polysaccharide was sol. in glycerol, ethylene glycol, and insol. in alc. and ether. It was 1-rotary, $[\alpha]_D^{20}$ -25 to -30. On hydrolysis, glucose and glucosamine were obtained. Neg. reactions were given by the polysaccharide for pentose, uronic acid, fructose, S and P. The prepn. was fat- and protein-free, but was accompanied by 3.2% of arginine which could be lowered to 1.4% by re-pptn., without affecting the serological activity. The specific polysaccharides from both Groups II (A) and III (B) were active antigens, capable of combining with the α - and β -agglutinins of human blood serum. H. Priestley

11C

KUDYAKOV, P. N.

Processes and Properties Index

The M- and N-antigens of man during embryogenesis.
P. N. Kudyakov and G. P. Tribaiev. *Zhur. Mikrobiol. Epidemiol. Immunopatologich.* 1939, No. 9-10, 128-132 (in English, 1942). — The formation of the type antigens M and N begins in the red blood cells of embryos 7-8 weeks old and is completed by the end of the 3rd month of embryonic life, at which point the type specificity does not differ from that of adult persons. Group differentiation begins at the end of the 3rd month and the A and B group antigens reach their complete development in the 5th month of embryonic life. S. A. Kanala.

ASB-51.4 METALLURGICAL LITERATURE CLASSIFICATION

118

KOSYAKOV, P. N.

Group-specific differentiation in human organs. XII.
The preservation of group-antigen factors in formalin-fixed organs. P. N. Kosyakov. Z. *Microbiol. Epidemiol. Immunofarsh.* 11: 18, 257 690m German 268 91 (1937). - Formalin in 5% solns. fixes the group-antigenic action of cells over a long period of time. The use of 10, 20, 30 and even 40% formalin for the preservation of blood and organs (liver, kidneys, spleen, muscles, lungs, etc.) as well as tumors does not lead to destruction of group differentiation over a period of many years. By means of specific adsorption methods group differentiation was observed in tissues which had been preserved in EtOH or formalin for 35-50 years. S. A. Karnala

LEONIDYAKOV, P.N.; POSEVAYA, T.A.; BENDINSKIY, M.

Suppression of the smallpox vaccine virus reproduction by a
specific action on the cell. Vop. virus. 10 no.4-4. 3-436
41-Ag '65. [MIRA 18:3]

1. Institut virusologii imeni O.I. Ivanovskogo (MS-225), Moscow.

BOYAROV, I.N.; VASILCHUK, V.A.

Viral inhibitors in the course of healthy people and in influenza patients. Vop. virus. bo no. 2004-86. Issue 1-2.

(MIRA 18:30)

1. Institut virusologii i biologicheskoy khimii. Moscow.

SPIRIN, P. (Sverdlovsk); KOSYAKOV, P. (Sverdlovsk); BRYUKHOV, G.
(Sverdlovsk)

Works of the Department of Economic Research of the Ural
Branch of the Academy of Sciences of the U.S.S.R. Vop. ekon.
no.11:157-160 N '63. (MIRA 17:2)

KOSYAKOV, N.N., assistant

Concerning the use of aerial photographs in drawing rocks. Izv.
vys. ucheb. zav.; geod. i aerof. no.5:104-105 '64. (KIRA 18:5)

1. Moskovskiy Institut inzhenerov geodezii, aerofotos"yemki i
kartografii.

KOSYAKOV, N. N.

Kosyakov, N. N.

"Smolensk. Economic-geographical characteristics." Min Education
RSFSR. Moscow State Pedagogical Inst imeni V. I. Lenin. Moscow,
1956 (Dissertation for the degree of Candidate in Geographical
Sciences)

Knizhnaya letopis'
No. 25, 1956. Moscow

COUNTRY	: USSR
CATEGORY	: Soil Science. Physical and Chemical Properties of Soil. J
ASS. JOUR.	: Izv. Vses. nauchno-issled. inst. melioratsii, No. 4, 1952, No. 1, p. 1-4
AUTHOR	: Kobayakov, N.I.
INST.	: Odeskianan Agric. Acad.
TITLE	: On the physical and chemical properties of soil under the influence of water evaporation.
ORIG. PUB.	: Sb. stud. nauchno-issled. inst. melioratsii, No. 4, 1952, vyp. 3, 161-163
ACQUIS. DT	: 1952/07

Card:

1/1

KOLPAKOVA, T.A.; GOLYENBIYEVSKAYA, Z.I.; SHEVTSOVA, N.I.; RYBINA, M.I.;
NIKITINA, N.N.; RYBAKOVA, L.F.; SHIPSHINA, N.D.; KORN, A.N.; KO-
ROVKIN, B.F.; KOSYAKOV, K.S.; STEPNAYA, A.A.

Suggestions made at the September 29, 1963, conference of "La-
boratornoe delo" readers, members of the Leningrad Society of Phy-
sicians and Laboratorians. Lab. ~~delo~~ 10 no.4:256 '64. (MIRA 17:5)

1. Predsedatel' pravleniya Leningradskogo obshchestva vrachey-la-
borantov (for Kolpakova). 2. Chleny pravleniya Leningradskogo ob-
shchestva vrachey-laborantov (for all except Kolpakova).

KOSYAKOV, K.S.; LIBIKOVA, N.I.; MERKINA, T.N.

Excretion of desocycytidine in the urine in acute radiation
sickness. Med.rad. no.3:31-35 '62. (MIRA 15:3)
(RADIATION SICKNESS) (CYTIDINE)

KOSYAKOV, K.S. (Leningrad)

Sexuated chromatin. Usp. sovr. biol. 51 no.1:104-114 Ja-F '61.
(MIRA 14:3)
(CHROMATIN)

GORDEYEVA, K.V.; ~~KOSYAKOV~~, K.S.; PAVLEVA, L.M.; POPEL', L.V.

Changes in various properties of fibrinogen in radiation sickness.
Probl. gemat. i perel. krovi 5 no. 9:11-15 '60. (MIRA 14:1)
(RADIATION SICKNESS) (FIBRINOGEN)

KOSYAKOV, K.S.

Changes in the ultraviolet spectrum of the blood during radiation
sickness. Med.rad. 5 no.3:74-75 '60. (MIRA 13:12)
(RADIATION SICKNESS) (BLOOD—SPECTRUM)

KOSYAKOV, K.S. (Leningrad)

Effect of roentgen rays on the amount of lactic acid, adenosine triphosphate, creatinine phosphate, and inorganic phosphorus in the brain of rats. Med.rad. 4 no.10:79-80 0 '59. (MIRA 13:2)

(RADIATION EFFECTS exper.)
(LACTIC ACID, chemistry)
(ADENOSINE PHOSPHATES chemistry)
(PHOSPHORUS chemistry)
(COENZYMES chemistry)

KOSYAKOV, K.S.

On methemoglobinemia formation in radiation sickness. Med. rad. 4
no.10:71-74 O '59. (MIRA 13:2)
(METHEMOGLOBIN, etiology)
(RADIATION INJURY, complications)

Kosyakov, Kirill Sergeyevich

KOSYAKOV, Kirill Sergeyevich, doktor med.nauk; TRAKHMAN, Ya.N., red.;
BUL'DYAYEV, N.A., tekhn.red.

[Why it is harmful to smoke] Pochemu vredno kurit'. Moskva,
Gos.izd-vo med.lit-ry, 1957. 30 p. (MIRA 11:1)
(SMOKING)

KOSYAKOV, Kirill Sergeyevich, doktor med.nauk; POPOVA, G.F., red.;
BUL'DYAYEV, N.A., tekhn.red.

[Fighting alcoholism] Bor'ba s alkogolizmom. Izd.2-oe. Moskva,
Gos.izd-vo med.lit-ry, 1957. 22 p. (MIRA 10:12)
(ALCOHOLISM)

8054 AKK, KS

injection of intrathecal drugs in the cervical system on the basis of the results of a study by C. H. Kraybill, *et al.*, published in 1970. The study was a retrospective analysis of 100 cases of intrathecal therapy given NEHL dosage. The results showed that the dosage was only 10 to 20 per cent of the dosage given by Kraybill. The authors concluded that the NEHL dosage had been grossly miscalculated, and that much decreased intrathecal dosage had before NEHL dosage, which was the usual intrathecal dosage of urethane.

川東省立第一中學

KOSYAKOV, K.S.

Data on the effect of conditioned reflex on blood sugar level in man.
Zh. vysshei nerv. deiat. 2 no.5:709-714 Sept-Oct 1952. (GLML 23:4)

1. Military Medical Academy imeni S. M. Kirov.

Bu.als.

9111-9 Nervous System

Relationship between condition of nervous system and oscillations in blood-chloride. K. S. Kosyakov (*J. Physiol., USSR*, 1951, 37, 93-102).—Estimations of blood-Cl' from a series of samples from 1 individual show variations, the standard deviation of these being greater than that of estimations of a Cl' solution. This indicates oscillation in Cl' content of normal person. Frequency curves were made of the standard deviation of Cl' estimations for a number of individuals in each of 4 groups, viz., 31 healthy adults, 17 infants, 6 catatonic schizophrenics, and 31 hyperthyroid cases, and the Cl' oscillation was also studied in relation to anesthesia, alcohol, taking food, etc. From the results it is claimed that there is a relationship between the condition of the nervous system and the extent of the oscillation in blood-Cl', and the nature of this is discussed.

D. H. BARRY.

116

CA

Peculiarities of C-hypovitaminosis in sugar diabetes. ⁶
K. S. Kosyakov. *Terap. Arkh.* 23, No. 2, 81-6 (1951). --
The C-hypovitaminosis in diabetes shows a peculiar lowering of tolerance to ascorbic acid and shows up on loading with the vitamin; the elimination of vitamin C rises to as much as 750% of normal. It occurs principally in the more advanced and grave cases. G. M. Kosolapoff

CA

11 G

Action of oxygen inhalation on ascorbic acid, glutathione, and blood catalase in some internal diseases. P. I. Kozlov and K. S. Kosyakov, *Trud. Vuz* 36, 354 p (1959). Inhalation of O leads to a lowering of total and reduced glutathione, increase of its oxidized form, and increase of blood catalase. *In vivo* blood expts. show a sharper change than *in vivo*. If the organism is satd. with ascorbic acid, the O reaction is reversed, as the oxidized glutathione and catalase are already raised. The changes observed are exactly opposite to those found in O deficiency. A mild lowering of max. blood pressure may be observed and a small lowering of the min. pressure.

G. M. Kosolapoff

KOSYAKOV, K. S.

KOSIAKOV, K. S.

Chemical determination of nitogenetic radiation. Klin. med., Moskva
28:3, Aug. 50. p. 77-8

1. Of the First Faculty Therapeutic Clinic (Head--Honored Worker in
Science M. I. Arinkin, Lieutenant General Medical Corps, Active Member
of the Academy of Medical Sciences USSR, deceased), Military Medical
Academy imeni S. M. Kirov.

CLML 19, 5, Nov., 1950

MEMORANDUM FOR THE DIRECTOR

Subject: "The Fluctuations of Economic Growth in the USSR," Leonid
Kozlov (signature), Acad. Sci. USSR, No. 11011, 1949, p. 56-57, - 11011a: 11011b

EO: 12812, 17 August 53, (Lebedev Journal 'Nykhe Stroy, No. 12, 1949.)

Ascorbic acid content in gonads of *Triturus vulgaris* in connection with their functional activity. K. S. Kosyakov. *Fiziol. Zhur. S.S.S.R.* 35, No. 1, 124-7(1949). Detn.

of ascorbic acid in gonads of specimens of both sexes (detrn. by dichlorophenolindophenol titration, with colorimetric endpoint) in various stages of the sex activity cycle shows a drop by 250% in the quiescent period in comparison with the active period. In the latter, the male organs show 45% more ascorbic acid than do the ovaries; this drops to 12% in quiescent period. It is suggested that the functional activity of the organs is connected with ascorbic acid accumulation.

G. M. Kosolapoff

G. M. Kosolapoff

USSR/Chemistry - Oxygen
Chemistry - Catalysis

Dec 48

"Oxygen and Catalysis," K. S. Kosyakov, M1 Med
Acad Imeni S. M. Kirov, 4 pp

"Dok Ak Nauk SSSR" Vol LXIII, No 6

PA 35/49T17

Kosyakov conducted experiments on himself and hypertenics, using oxygen inhalation, and studied catalyzing activity of venous blood before and after inhalation. Concluded that: (1) Catalyzing activity of blood increases after inhalation and exhalation of oxygen. (2) Catalyzing activity of plant- and animal-tissue extracts not containing hemoglobin.

35/49T17

USSR/Chemistry - Oxygen (Contd)

Dec 48

did not change due to exhalation of oxygen. (3) Change in catalyzing activity of blood may be used as an index in hyperoxia. Submitted by Acad L. A. Orbell, 29 Oct 48.

35/49T17

KOSYAKOV, K. S.

1ST AND 2ND ORDERS																										2ND AND 4TH ORDERS																																																																																																							
PROCESSIES AND PROPERTIES INDEX																																																																																																																																	
ca Sulfur content of hair. K. S. Kosyakov. <i>J. Physiol.</i> (U.S.S.R.) 32, 651-8(1946)(in Russian). -A statistical study of over 20 yrs. was made of total S and cystine in hair from human subjects in normal and abnormal conditions. It is suggested that cystine S, which enters the compn. of keratin, is derived from glutathione and that keratin is a product which serves to eliminate from the organism glutathione formed in the course of metabolism, i.e., acts as an excretion mechanism. The possibility of using hair S as an index of metabolic processes is discussed. G. M. Kosolapoff																																																																																																																																	
ASM S.L.A. METALLURGICAL LITERATURE CLASSIFICATION																																																																																																																																	
<table border="1"> <tr> <td colspan="13">1ST AND 2ND ORDERS</td> <td colspan="13">2ND AND 4TH ORDERS</td> <td colspan="13">3RD AND 4TH ORDERS</td> </tr> <tr> <td colspan="13">A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</td> <td colspan="13">A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</td> <td colspan="13">A B C D E F G H I J K L M N O P Q R S T U V W X Y Z</td> </tr> </table>																																																				1ST AND 2ND ORDERS													2ND AND 4TH ORDERS													3RD AND 4TH ORDERS													A B C D E F G H I J K L M N O P Q R S T U V W X Y Z													A B C D E F G H I J K L M N O P Q R S T U V W X Y Z													A B C D E F G H I J K L M N O P Q R S T U V W X Y Z												
1ST AND 2ND ORDERS													2ND AND 4TH ORDERS													3RD AND 4TH ORDERS																																																																																																							
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z													A B C D E F G H I J K L M N O P Q R S T U V W X Y Z													A B C D E F G H I J K L M N O P Q R S T U V W X Y Z																																																																																																							

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
ca																										11F																									
The effect of folliculin upon the sulfur content of the cock feather. E. S. Kosyakov. <i>Bull. Biol. med. appl.</i> U. R. S. S. 9, 480-1 (1940) (in English).—The hair of mammals and the feathers of birds show a biochem. sexual dimorphism in that the feathers of females contain a larger amt. of S capable of being split off as K_2S on treatment with alkali than the feathers of males. Removal of the feathers on one side of the body of healthy cocks, followed by injection of 2000-10,000 M. U. of folliculin per day for 25-85 days, resulted in the formation of new feathers which were female in character. No difference was found in the compn. of the original feathers removed and the original ones left on the fowl. The new feathers showed an increase in total S from 1.82-2.33% to 2.10-2.61%, in cystine S from 1.80-2.20 to 2.10-2.60% and in S removable as H_2S from 1.12-1.16% to 1.28-1.33%. S. A. K.																																																			
ASH SLA METALLURGICAL LITERATURE CLASSIFICATION																																																			

U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	JJ	JK	JL	JM	JN	JO	JP	JQ	JR	JS	JT	JU	JV	JW	JX	JY	JZ	KA	KB	KC	KD	KE	KF	KG	KH	KI	KJ	KK	KL	KM	KN	KO	KP	KQ	KR	KS	KT	KU	KV	KW	KX	KY	KZ	LA	LB	LC	LD	LE	LF	LG	LH	LI	LJ	LK	LL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YY	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

PROCESSES AND PROPERTIES INDEX

11B

The determination of glutathione in small amounts of blood. K. S. Kosyakov. *Lab. Prakt.* (U. S. S. R.) 1939, Sammelband. 60-8; *Chem. Zentr.* 1940, 1, 608; cf. C. A. 33, 709¹.— Since the detn. of glutathione by the method of Okuda and Ogawa (cf. C. A. 27, 5361) and Woodward and Fry (cf. C. A. 26, 5599) requires relatively large amts. of blood which frequently can be obtained only with difficulty, this method was adapted for use with 0.5-1 cc. of blood. After removal of albumin with 22% sullosalicylic acid, the reduced glutathione and the total glutathione (after reduction with Zn dust) can be detd. iodometrically or potentiometrically. The oxidized glutathione is then calcd. by difference. Av. values found for healthy individuals were 40.68 mg. of total glutathione and 31.66 mg. of reduced glutathione per 1000 cc. of blood.

W. A. Moore

ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

ca

11G

The sulfur content of the hair of malignant tumor patients K. S. Kosyakov. *Russk. med. zh.* 1968, 7, No. 8, p. 10, 19 (Russian). English: The normal S content of the hair of women 15-44 yrs. of age is 2.50%, while that of men is 2.81%. In the age group 45-60 the values are 2.56 and 2.93%, resp. In the case of cancer in women no change is observed in the S content of the hair, while sarcoma causes an increase in S. In men cancer causes a decrease in S which is greatest for cancer of the digestive tract, while sarcoma causes no change.
S. A. Korotkiy

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION
LBNH STIMBELN

1ST AND 2ND ORDERS																										2ND AND 4TH ORDERS																									
COMMON ELEMENTS																										COMMON ELEMENTS																									
A																										B																									
C																										D																									
E																										F																									
G																										H																									
I																										J																									
K																										L																									
M																										N																									
O																										P																									
Q																										R																									
S																										T																									
U																										V																									
W																										X																									
Y																										Z																									
AA																										AB																									
AC																										AD																									
AE																										AF																									
AG																										AH																									
AI																										AJ																									
AK																										AL																									
AM																										AN																									
AO																										AP																									
AQ																										AR																									
AS																										AT																									
AU																										AV																									
AW																										AX																									
AY																										AZ																									
BA																										BB																									
BC																										BD																									
BE																										BF																									
BG																										BH																									
BI																										BJ																									
BK																										BL																									
BM																										BN																									
BO																										BP																									
BQ																										BR																									
BS																										BT																									
BU																										BV																									
BW																										BX																									
BY																										BZ																									
CA																										CB																									
CC																										CD																									
CE																										CF																									
CG																										CH																									
CI																										CJ																									
CK																										CL																									
CM																										CN																									
CO																										CP																									
CQ																										CR																									
CS																										CT																									
CU																										CV																									
CW																										CX																									
CY																										CZ																									
DA																										DB																									
DC																										DD																									
DE																										DF																									
DG																										DH																									
DI																										DJ																									
DK																										DL																									
DM																										DN																									
DO																										DP																									
DQ																										DR																									
DS																										DT																									
DU																										DV																									
DW																										DX																									
DY																										DZ																									
EA																										EB																									
EC																										ED																									
EE																										EF																									
EG																										EH																									
EI																										EJ																									
EK																										EL																									
EM																										EN																									
EO																										EP																									
EQ																										ER																									
ES																										ET																									
EU																										EV																									
EW																										EX																									
EY																										EZ																									
FA																										FB																									
FC																										FD																									
FE																										FF																									
FG																										FH																									
FI																										FJ																									
FK																										FL																									
FM																										FN																									
FO																										FP																									
FQ																										FR																									
FS																										FT																									
FU																										FV																									
FW																										FX																									
FY																										FZ																									
GA																										GB																									
GC																										GD																									
GE																										GF																									
GG																										GH																									
GI																										GJ																									
GK																										GL																									
GM																										GN																									
GO																										GP																									
GQ																										GR																									
GS																										GT																									
GU																										GV																									
GW																										GX																									
GY																										GZ																									
HA																										HB																									
HC																										HD																									
HE																										HF																									
HG																										HH																									
HI																										HJ																									
HK																										HL																									
HM																										HN																									
HO																										HP																									
HQ																										HR																									
HS																										HT																									
HU																										HV																									
HW																										HX																									
HY																										HZ																									
IA																										IB																									
IC																										ID																									
IE																										IF																									
IG																										IH																									
II																										IJ																									
IK																										IL																									
IM																										IN																									
IO																										IP																									
IQ																										IR																									
IS																										IT																									
IU																										IV																									
IW																										IX																									
IY																										IZ																									
JA																										JB																									
JC																										JD																									
JE																										JF																									
JG																										JH																									
JI																										JJ																									
JK																										JL																									
JM																										JN																									
JO																										JP																									
JQ																										JR																									
JS																										JT																									
JU																										JV																									
JW																										JX																									
JY																										JZ																									
KA																										KB																									
KC																										KD																									
KE																										KF																									
KG																										KH																									
KI																										KJ																									
KK																										KL																									
KM																										KN																									
KO																										KP																									
KQ																										KR																									
KS																										KT																									
KU																										KV																									
KW																										KX																									
KY																										KZ																									
LA																										LB																									
LC																										LD																									
LE																										LF																									
LG																										LH																									
LI																										LJ																									
LK																										LL																									
LM																										LN																									
LO																										LP																									
LQ																										LR																									
LS																										LT																									
LU																										LV																									
LW																										LX																									
LY																										LZ																									
MA																										MB																									
MC																										MD																									
ME																										MF																									
MG																										MH																									
MI																										MJ																									
MK																										ML																									
MM																										MN																									
MO																										MP																									
MQ																										MR																									
MS																										MT																									
MU																										MV																									
MW																										MX																									
MY																										MZ																									
NA																										NB																									
NC																										ND																									
NE																										NF																									
NG																										NH																									
NI																										NJ																									
NK																										NL																									
NM																										NN																									
NO																										NP																									
NQ																										NR																									
NS																										NT																									
NU																										NV																									
NW																										NX																									
NY																										NZ																									
OA																										OB																									
OC																										OD																									
OE																										OF																									
OG																										OH																									
OI																										OJ																									
OK																										OL																									
OM																										ON																									
OO																										OP																									
OQ																										OR																									
OS																										OT																									
OU																										OV																									
OW																										OX																									
OY																										OZ																									
PA																										PB																									
PC																										PD																									
PE																										PF																									
PG																										PH																									
PI																										PJ																									
PK																										PL																									
PM																										PN																									
PO																										PP																									
PQ																										PR																									
PS																										PT																									
PU																										PV																									
PW																										PX																									
PY																										PZ																									
QA																										QB																									
QC																										QD																									
QE																										QF																									
QG																										QH																									
QI																										QJ																									
QK																										QL																									
QM																										QN																									
QO																										QP																									
QQ																										QR																									
QS																										QT																									
QU																										QV																									
QW																										QX																									
QY																										QZ																									
RA																										RB																									
RC																										RD																									
RE																										RF																									
RG																										RH																									
RI																										RJ																									
RK																										RL																									
RM																										RN																									
RO																										RP																									
RQ																										RR																									
RS																										RT																									
RU																										RV																									
RW																										RX																									
RY																										RZ																									
SA																										SB																									
SC																										SD																									
SE																										SF																									
SG																										SH																									
SI																										SJ																									
SK																										SL																									
SM																										SN																									
SO																										SP																									
SQ																										SR																									
SS																										ST																									
SU																										SV																									
SW																										SX																									
SY																										SZ																									
TA																										TB																									
TC																										TD																									
TE																										TF																									
TG																										TH																									
TI																										TJ																									
TK																										TL																									
TM																										TN																									
TO																										TP																									
TQ																										TR																									
TS																										TT																									
TU																										TV																									
TW																										TX																									
TY																										TZ																									
UA																										UB																									
UC																										UD																									
UE																										UF																									
UG																										UH																									
UI																										UJ																									
UK																										UL																									
UM																										UN																									
UO																										UP																									
UQ																										UR																									
US																										UT																									
UU																										UV																									
UW																										UX																									
UY																										UZ																									
VA																										VB																									
VC																										VD																									
VE																										VF																									
VG																										VH																									
VI																										VJ																									
VK																										VL																									
VM																										VN																									
VO																										VP																									
VQ																										VR																									
VS																										VT																									
VU																										VV																									
VW																										VX																									
VY																										VZ																									
WA																										WB																									
WC																										WD																									
WE																										WF																									
WG																										WH																									
WI																										WJ																									
WK																										WL																									
WM																										WN																									
WO																										WP																									
WQ																										WR																									
WS																										WT																									
WU																										WV																									
WW																										WX																									
WY																										WZ																									
XA																										XB																									
XC																										XD																									
XE																										XF																									
XG																										XH																									
XI																										XJ																									
XK																										XL																									
XM																										XN																									
XO																										XP																									
XQ																										XR																									
XS																										XT																									
XU																										XV																									
XW																										XZ																									
YA																										YB																									
YC																										YD																									
YE																										YF																									
YG																										YH																									
YI																										YJ																									
YK																										YL																									
YM																										YN																									
YO																										YP																									
YQ																										YR																									
YS																										YT																									
YU																										YV																									
YW																										YZ																									
ZA																										ZB																									
ZC																										ZD																									
ZE																										ZF																									
ZG																										ZH																									
ZI																										ZJ																									
ZK																										ZL																									
ZM																										ZN																									
ZO																										ZP																									
ZQ																										ZR																									
ZS																										ZT																									
ZU																										ZV																									
ZW																										ZX																									
ZY																										ZZ																									

Exogenous and endogenous methemoglobin formation.
K. S. Kosyakoy, *Biochimica* 4, 505-154 (1939). Methemoglobin formation is slight when there is a high content of reducing substances in the blood, and when the oxidation-reduction potential of the blood is considerable. Insulin injection favors, whereas glucose administration restricts, methemoglobin formation. H. Priestley

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

ALPHABETIC INDEX																										NUMERIC INDEX																									
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	0	1	2	3	4	5	6	7	8	9																
24 100 Chemistry of the hair in endocrine disorders. K. S. Kosyakov. <i>Problemy endokrinol.</i> (U. S. S. R.) 3, No. 2, 63-77 (1938); <i>Chem. Zentr.</i> 1939, 1, 3561-5. Genital insufficiency in man leads to a reduction in the S content of the hair. This is in contrast to the effect in animals. When the production of folliculin is discontinued there is an increase in the S content of the female hair. The metabolism of sulfhydryl compds. is influenced by disturbances of the thyroxine and insulin balance and by hypophyseal and suprarenal disorders. W. A. Moore																																																			
ASH S. L. A. METALLURGICAL LITERATURE CLASSIFICATION																																																			

11F

The significance of the Nandelstedt modification of the Manoiow reaction for the determination of the endocrine profile in urine. K. S. Konyakoy, *Problemy endocrinol.* (U. S. S. R.) 3, No. 1, 129-34(1938), *Chem. Zentr.* 1939, 1, 4309-70. The Manoiow reaction consists in a detn. of the oxidizability of the body fluids by titration with KMnO_4 . Since it gives different results on the blood of male and female persons the reaction can be used to det. sex. However, this is not true of tests on urine and the reaction is not useful for tests on urine. The Nandelstedt modification is rejected. M. G. M.

ANNALS OF METALLURGICAL LITERATURE CLASSIFICATION